

Certificate of Analysis

Name of Product: Ginger Essential Oil
Batch Number: BBB2514
Country of Origin: India
INCI Name: Zingiber Officinale Root Oil

Test	Standards/Methods	Results
Description	Clear Mobile Liquid	Complies
Colour	Brownish Yellow	Complies
Odour	Characteristic	Complies
Specific Gravity at 25°C	0.870 to 0.885	0.8820
Refractive Index at 25°C	1.480 to 1.494	1.4927
Optical Rotation	-47° to -28°	-32°
Storage	Store in a cool, dark area and leave in sealed container.	

Ingredient Name	CAS	Concentration (%)
Alpha-Zingiberene	-	30.32
Bisabolene	495-62-5	11.08
Beta- Sesquiphellandrene	-	12.70
Ar-Cucumene	-	7.27
Alpha Pinene	7785-26-4	1.42
Beta Pinene	127-91-3/ 18172-67-3	0.42
Limonene	138-86-3/ 7705-14-8; 5989-27-5; 5989-54-8	3.45
Alpha Phellandrene	-	1.27
Alpha Farnesene	502-61-4 / 18794-84-8	5.88
P- cymene	99-87-6	0.14
Methyl Eugenol	93-15-2	0.35
Camphene	565-00-4 / 79-92-5	4.14